

Abstract

An apparatus for protecting a vehicle occupant (201) is proposed, that triggers the restraint means as a function of the vehicle occupant's motion in the context of an accident. The motion is predicted in that by using an occupant detection system (1) and an impact sensor system (3), a height of the center of mass of the vehicle occupant and a force action on the vehicle occupant are determined, and the motion of the vehicle occupant is thereby predicted. (Figure 1)